STATEMENT OF WORK FOR THE

REBUILD

OF THE

MACHINE GUN, CALIBER .50, M2

NSN 1005-00-726-5636

SOW-06-PMM132-02498B-1/1

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1.0 SCOPE. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) in the Rebuild effort of the Machine Gun, Caliber .50, M2. This document contains requirements to restore the Machine Gun, Caliber .50, M2 to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than six months shelf-life remaining".

1.1 Background. Rebuild is defined as "that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items".

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-129	DoD Standard Practice: Military Marking for Shipment and Storage

2.2 Other Government Documents and Publications

DMWR 9-1005-213	Depot Maintenance Work Requirement for Machine Gun .50 Caliber M2
TM 02498A-23&P/2A	Unit and Direct Support Maintenance Manual Machine Gun, Caliber .50 Browning, M2
AM P7265636	Packaging Data Sheet (PDS)
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP) Manual

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems - Requirements

Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Specifications and Standards are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179 or on the Internet at http://www.dodssp.daps.mil. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department, Code 891, P. O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 566-1A, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test the Machine Gun, Caliber .50, M2. Rebuild shall be in accordance with TM 02498A-23&P/2A and DMWR 9-1005-213. Upon completion of rebuild, the subject item shall be Condition Code "A".

b. Conduct in-process and final on-site testing for witness by a Marine Corps Systems Command (MCSC), Code IWS, Albany, Georgia representative.

3.2 Detail Tasks. The following tasks describe the different phases for rebuild of the Machine Gun, Caliber .50, M2.

a. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety and one-time use items. Unserviceable would include any of the above that failed to function properly.

NOTE

Both "Pin, Grooved, Headless Pawls" will be safety wire per TM 02498A-23&P/2A (page 0010 00-22) with "Wire, Non-electrical, Corrosion Resistance Steel" NSN 9505-00-076-8640 page 0056 00-1/2 blank) to prevent their backing out.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

b. Cold Riveting. Replace all loose or missing receiver rivets for all Machine Gun .50 Caliber M2's using the pneumatic cold riveting method.

NOTE

The Contractor will stamp the below listed information on the bottom left corner of all Machine Gun .50 Caliber M2 receivers that require the cold rivet procedure to be performed using a Die Set, Metal Stamping, Hand, NSN 5110-00-293-1905, or equivalent. Identify the Contractor performing the cold rivet process and the FY the procedure was performed as shown below.

"CRA06" Cold Riveting Procedure performed at Albany, GA in FY-2006
"CRB06" Cold Riveting Procedure performed at Barstow, CA in FY-2006
"CRAA06" Cold Riveting Procedure performed at Anniston Army Depot in FY-2006

When the Machine Gun .50 Caliber M2 Receiver is reworked ant the cold rivet procedure is again required, the existing information on the bottom left corner of the receiver will be "X ed" out and restamped with the current Contractor and the FY the process was again performed.

3.2.1 Inspection, Testing, and Acceptance

a. Inspection, Testing, and Acceptance of the Machine Gun, Caliber .50, M2 shall be conducted in accordance with TM 02498A-23&P/2A and DMWR 9-1005-213.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are notified prior to final acceptance. A representative from MCSC, Code IWS, Albany, Georgia shall observe acceptance tests. The Contractor shall give MCSC a minimum of two weeks notice prior to commencement of acceptance testing.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. Marine Corps Systems Command, Code IWS, Albany, Georgia representative may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all Machine Gun, Caliber .50, M2's rebuilt under the provisions of this SOW shall be accomplished in accordance with TM 02498A-23&P/2A.

3.2.2 Packaging, Handling, Storage, and Transportation (PHS&T)

a. The Contractor shall be responsible for preservation and packaging of the item(s) being repaired under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with Level "A" requirements of PDS AM P7265636 which may be obtained from Supply Chain Management Center, Materiel and Distribution Management Department (Code 580), Distribution Management Branch (Code 581-2), STE 20320, 814 Radford Blvd., Albany, Georgia 31704-0320, commercial telephone number (229) 639-6786 or DSN 567-6786. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with Level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Management. The Contractor shall apply configuration control procedures to established configuration items. The Contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. The baseline configuration has been defined by the written procedures and material contained in the applicable technical publications or engineering drawings. No deviation from the approved baseline will be allowed due to safety factors. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for the application of configuration control.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 581-1B) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the Contractor's possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The Contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD 1348 to Materiel and Distribution Management Department, Distribution Management Branch, Management Control Activity (Code 581-1B), STE 20320, 814 Radford Blvd., Albany, Georgia 31704-0320 or faxing commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11, provides guidance to Contractors on the requisitioning process. The Contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 Quality Assurance Provisions. The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems – Requirements. The program shall ensure quality throughout all areas to include design, fabrication, processing, assembly, inspection, testing, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the Contractor shall be responsible for performance of all inspection requirements. A MCSC, Code IWS, Albany, Georgia representative reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements. The Contractor shall provide an Inspection and Test Plan.

3.7 Acceptance. The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and a MCSC, Code IWS, Albany, Georgia representative shall be permitted to observe the work or to conduct an inspection. Final inspection and acceptance testing of end items shall be conducted at the Contractor's Facility. Final acceptance shall be conducted on 10 percent of items to verify that the units meet all requirements.

3.8 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by a MCSC, Code IWS, Albany, Georgia representative. The Contractor shall, at no additional cost to MCSC, Code IWS, Albany, Georgia correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

4.0 REPORTS

4.1 Monthly Progress Reports. The Contractor shall provide Monthly Progress Reports to Marine Corps Systems Command, Code IWS, STE 20343, 814 Radford Blvd., Albany, Georgia 31704-0343 summarizing the progress and status to include an itemized listing of NSN's and unit cost of all repair parts procured for the Rebuild Program.